


Dunn County Health Department



Annual Report 2017



*The Mission of the
Dunn County Health
Department is to pro-
mote the health of all
people in the commu-
nity by collaborating
with community part-
ners, working toward
a safe and healthy en-
vironment, preventing
disease and disability
and promoting posi-
tive health practices.*

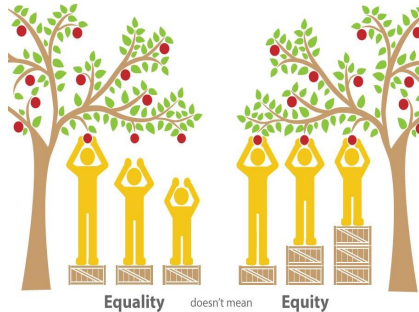
A basic principle of public health is that all people have a right to health. Equity, then, as understood in public health literature and practice, is when everyone has the opportunity to “attain their full health potential” and no one is “disadvantaged from achieving this potential because of their social position or other socially determined circumstance.” Brennan Ramirez LK, Baker EA, Metzler M. Promoting Health Equity: A Resource to Help Communities Address Social Determinants of Health. Atlanta: U.S. Department of Health

The Dunn County report of the Committee on Charities, November 12, 1935, organized a County Health Department. The first meeting was held December 6, 1935 and officers were organized; the second meeting was December 24, 1935 and applications were reviewed for the position of County Nurse. The primary work of the nurse included: an infant and maternal health program, prevention and control of communicable diseases, building up the health of school children, tuberculosis control and crippled children’s follow up program.

For the past 80 years, the work continues, benefited by advances in science and knowledge about disease process, antibiotics and anti-viral medications now available for treatment and new challenges in the areas of chronic disease, emerging infections related to climate change and challenges in protecting environmental health. Our socio-economic climate and health care system also require that Public Health examine ways to promote health equity. In other words, equal opportunities to be healthy.

Health Equity is different from Equality

Health equity is the goal of achieving the highest level of health for all people regardless of differences in social, economic or environmental conditions.



CDC-DHHS-Maine

Health related quality of life is also the focus of the Wisconsin 2020 Health Plan. It describes the essential elements of working toward optimal public health as effective policies and health sys-

tems; healthy, safe and resilient communities, families and individuals; reduced disease, injury and disability all leading toward the goals of improved health across the lifespan and health equity.

Dunn County committees consistently demonstrate an awareness of community concerns about policies and their potential impact in areas of health which is a significant component of quality of life.

Our updated Community Health Needs Assessment (2016-2021) identified the following priorities:

- Obesity, Physical Activity & Nutrition
- Mental Health
- Alcohol & other Drug Abuse
- Environment, Natural Resources Sustainability & the "Built" environment

Dunn County Health Coalition

The Health Department continues to work with the Community Foundation of Dunn County, Mayo Health System as well as many community nonprofits, local businesses, government agencies and citizens to create a collaborative Health Coalition. The Community Foundation of Dunn County approved support for a proposal that provides training to develop a structure for community input into the identified Health Needs Assessment priorities. The culmination of the training was a recommended structure for the Health Coalition. We look forward to working together on this new model for the health of Dunn County residents.



The staff continues to fulfill the statutory requirements of a Level 3 public health department. This includes coalition and committee work to improve the health of the community.

Health Department Committee Involvement:

Partnership for Youth

Partners for Resilience

Mental Health Resource Network

Bicycle-Ped. Advisory Committee

Community Crisis Response Team

Emergency Food & Shelter Coalition

"Eat Well Dunn County"

Dunn County Local Emergency Planning Committee

Regional Prenatal Care Workgroup

Livestock Operations Study Group

Dunn County Demographics

Population- est. 44,704 (44,497)
 Births 2017- 424 (447)
 Births to mothers age=<19 - 9 (13)
 Deaths 2017- 364 (341)

The leading causes of death in Dunn County are cancer, diseases of the heart and accidents.



2017 Federal Poverty Level (FPL) \$24,600 (\$24,600)

	<i>Dunn County</i>	<i>State of WI</i>
% of people with an income ≤ the poverty level*	14.2% (15.1%)	12.7% (13%)
Median household income	\$51,787 (\$49,897)	\$54,610 (\$52,738)
Child poverty level	15% (16%)	17.4% (18%)

The Health Department is funded by:

- Local tax levy
- \$627,620 (\$599, 639)
- Program generated revenue
- \$395,508 (\$389,022)
- Grants, including state aids
- \$321,952 (\$344,047)

Dunn County 2017 per capita funding:

- Local taxes
- \$14.04 (\$13.53)
- Total funding
- \$30.09 (\$30.19)

Please note that 2017 data is listed first, with 2016 equivalent data listed in parenthesis.

Dunn County Health Department

2017 Board of Health

Elected Board Members:

Mary Solberg, Chair
 Tom Quinn, Vice
 Larry Bjork
 Sarah Kennedy
 Gary Stene

Appointed Board Members:

Sarah Schaefer, RN
 Bonnie Barker
 Bill Lamb

BOH Medical Advisor-

Dr. Jennifer Strong

2017 Health Department Staff

Health Officer

Wendy MacDougall RN, MSN,
 APNP

Public Health Nursing

Debra Benoit, ADN, RN
 Kelli Dwyer ADN, RN
 Sheila Haugle, BSN, RN
 Sara Hegeman, BSN, RN
 Dianne Robertson, MSN, NP
 Jo Ann Rucker BSN, RN
 Suzanne Schnoor, BSN, RN

Environmental Health

Thomas Aarrestad, MA, EH Tech
 Keith Bergeson, BS, EHS, RS

Public Health Nutrition Staff

Ellen Blumer, RD
 Holly Cseter, BS, Dietetic Tech

Support Staff

Sifia Jevne, Fiscal Clerk III
 Donna Kraemer, Sec II
 Barbara Niemi-Arntzen, Sec II
 LeeAnn Wold, Fiscal Clerk I
 Zoua Yang, Public Health Tech

Dunn County Health Department program areas are highlighted below. Please note that 2017 program outputs are listed first, with 2016 equivalent outputs listed in parenthesis.

Public Health Multipurpose Clinics

Public Health Nurses conduct TB skin tests, shots, blood pressure checks, health education and referrals.

Follow-up referrals 53 (60)

Health Screening Stepping Stones Shelter as Homeless individuals often need assistance accessing health care, and are identified as a population at risk for Tuberculosis. We coordinate with the Stepping Stones social worker to provide general health screening and referral services with homeless families and individuals. In 2017 we received **6 (5)** referrals.

Maternal and Child Health

Prenatal Care Coordination, Nurse Family Partnership, WIC, Reproductive Health, and Public Health program areas, including early identification of pregnancy, individual support services, prenatal care, health and nutrition ed., and referrals to community . **PNCC clients- 47 (105) and 209 (285) visits**

We have 2 new initiatives in MCH– The Nurse Family Partnership program enrollment is about half of those eligible and we were successful in recruiting a PHN in this program. Breastfeeding Friendly Initiative We worked with UW-Stout Child and Family Services and Little Sprouts in the BFF Initiative and are proud to support their work with families/staff.

Oral health care In 2017 the department provided education, screening and toothbrushes with visits for immunizations, and referrals for dental care to area dentists and the Marshfield Dental Clinic. Partners in oral health Programs-Head Start, CVTC, area dental and medical providers, area schools, fluoridated municipal water systems. **Fluoride supplements: 91 (129) children. Fluoride rinse program: 655 (635) public school children.**

The WIC program (Women, Infants and Children) provides nutrition education and breastfeeding support for Dunn County families, as well as supplemental food, to families at or below 185% poverty level. The WIC program was established in 1974 and has earned the reputation of being one of the most successful federally-funded nutrition programs in the U.S.

Number of individuals served/mo – 634 (670) Food dollars redeemed- \$341,024 (\$429,888)

Breastfeeding Initiation rate- 71.2% (75.2%) Farmer’s Market \$ redeemed-\$3210 (\$2550)

Mental Health

Perinatal and postpartum depression screening is included in the PNCC, NFP and WIC programs.

We partner with the Mental Health Resource Network to keep up to date with trends and resources as well as program sharing and development.

We work with DCHS, UW-Stout, RCMC, Marshfield Clinic, schools and other partners to provide referrals for mental health

Program areas cont.

Environmental and Occupational Health

Inspections and Licensing

Campgrounds 7 (6)

B & B 5 (5)

Tourist Rooming Houses 4 (5)

Tattoo 4 (3)

Camps 3 (3)

Hotels & Motels 9 (9)

Food & Bev 128 (136)

Retail 54 (50)

Swimming Pools 11 (10)

Hot Tubs 4 (5)

Schools 15 (15)

Temporary Food & Lodging 29 (39)

Complaints-EH responded to 87 (78) citizen complaints, this can include housing, food service, etc.

Rabies Control Program Animal bite follow up and education.

Dog Bites 17 (28)

Cat bites 12 (23)

Other 10 (16)

Radon Information Center Dunn County coordinates the program testing information and supplies for Dunn, St. Croix, Pierce, Barron and Sawyer Counties. Any elevated test results require follow-up by the Environmental Health Specialist in the county of the test.

Tests completed by homeowners-180 (260)

Elevated tests-123 (106)

Dunn County radon tests- 56 (43)

Dunn County tests: elevated- 26 (13)

Well Water and Surface Water Protection

We continue to partner with citizen groups, DNR and the zoning office to protect the groundwater

and surface water. The health department offers information about private well water testing as well as test kits. Our website includes test result data for nitrates in Dunn County.

Private well tests 23(38)

DNR contract for well sampling: Total 97 (97)

Dunn County facilities 77 (78) (churches, rural restaurants that serve to the public) **Return visits 20 (11)** **Inspections 16 (18)**

Pepin County facilities, 20 (20) samples, 4 (4) well inspections -Return visits 2 (8)

Well Delegation 2018 Permits-104 (94) Revenue: \$7800.(\$7200)

Lead Poisoning Prevention and Investigation

We have one PHN and one EHS that maintain certification in lead investigation. Participating families receive lead poisoning prevention screening, tests, and if any levels are elevated, a visit by the EHS and PHN to determine risks and remediation.

Number of children tested for lead:

Total-260 (285) Dunn Co HD 73 (104)

Number of Lead Investigations 12(3)

The Environmental Health Specialist provides community education for future food service managers, home builders, realtors and other individuals/groups.

Complaints by citizens (well water, housing, mold, licensed facilities, hazardous waste)-87 (93) complaints were followed up and resolved by the EHS.

Vector-borne Disease Prevention

We contract with La Crosse County to provide habitat surveillance for mosquito-borne disease and work on education about removal of standing water vessels (including discarded tires.)

Program areas cont.

Reproductive and Sexual Health

Reproductive Health Program-One RN and one-part time support staff person provided health screening, information, referral and treatment for Dunn County women of childbearing age, men seeking prevention/treatment services and help with medical assistance enrollment. Staffing changes have resulted in gaps in service. The department has filled these gaps by contracting with Mayo Clinic to provide two mid-level providers twice a month to perform physical exam and long acting reversible contraception placements/removals.

Women receiving Early Identification of Pregnancy (pregnancy testing) 80 (118)

Number of RSH clients- Total- 401 (566) unduplicated clients and a total of 1125 (1561) visits.

Community education-PH staff nurses work with schools, agencies and parents, teaching about sexuality issues, healthy relationships and resources.

HIV/STD testing, referral, treatment and education is available within this program. The HIV follow up has changed to a regional center with Eau Claire County providing the service.

The Health Department collaborates with The Bridge, Law Enforcement (City and County), UW-Stout, Marshfield Clinic & Red Cedar-Mayo, WI ARC and WI Department of Public Health with our sexual health outreach and education for the prevention of risks and communicable disease.

Chronic Disease and Injury Prevention

Car Seat Safety program-we provide car seat safety checks for families and have grant funding to provide education and car seats on a sliding fee schedule .

Total number of seats provided & checked –102 (139)

Health Department staff maintain child safety seat certification and present to groups regarding child seat safety, provide Facebook and website safety information.

We collaborate with Dunn Co. Solid Waste, Lion's club, Community Health Foundation and RCMC for safe medication and sharps disposal.

WIC and public health nursing provide nutrition and diabetes prevention referrals, education and counseling. The CDC reports the prevalence of diagnosed diabetes for adults in Dunn County is 9.4%.

Our public health clinic provides blood pressure screening and referral.

We include Back to sleep and Shaken Baby information in our parent teaching for SIDS and Shaken Baby risk reduction.

Program areas cont.

Communicable Disease Prevention and Control

WI Statute DHS 145 requires all reportable communicable diseases to be directed to the local public health agency for investigation, control and prevention of any spread among the population. The WI Electronic Disease Surveillance System-WEDSS connects with CDC reporting and we also rely on timely communication from providers.

Communicable Disease Statistics

These are the counts of communicable diseases that have been reported to the health department over a three-year period. We receive electronic reports from the WI State Lab of Hygiene, Marshfield Clinic, Mayo Health Systems, UW-Stout, area hospitals. Other reports are phoned in to the health department. We investigate all cases of reportable communicable disease to prevent/control disease spread and protect the public's health. We continue to provide tuberculosis (TB) testing and follow up. **TB skin testing 445 (479) TBI (preventive) treatment 8 (5)**

Vaccinations for Children program: 69% (70%) of Dunn County children under the age of 2 years were up to date with immunizations. We work with schools and the medical community to encourage vaccinations. Our immunization clinic visits have decreased with ACA coverage of shots.

Our school summary report indicates there are still a significant number of students whose parents choose not to immunize; the majority of waivers are for "personal" reasons. Immunization status is verified through the Wisconsin Immunization Registry for all clients receiving services at the Department

Influenza Vaccine: In 2017 Dunn County had a total of **59 (25)** cases of influenza associated hospitalizations. We continue to encourage the population to be immunized against Vaccine Preventable Diseases. DCHD gave a total of **284 (324)** adult flu shots and **73 (47)** children's flu shots in

Infection	2015	2016	2017
Babesiosis	4	1	7
Blastomycosis	0	1	0
Campylobacter	6	17	22
Chlamydia	162	165	188
Cryptosporidium	8	16	14
STEC	1	8	10
Giardiasis	3	5	13
Gonorrhea	10	5	12
Hepatitis A	0	0	1
Hepatitis B	5	2	1
Histoplasmosis	1	1	0
HIV	4	1	0
Influenza-hospital	10	25	59
Legionellosis	0	0	1
LTBI	6	4	12
Meningitis-V/B	0	0	0
Pertussis	1	9	47
Salmonella	9	17	8
Shigellosis	1	1	8
Invasive Strep (A)	3	3	1
Tuberculosis	0	0	0
Toxoplasmosis	0	0	1
Varicella	4	4	5

Program areas cont.

Unhealthy Alcohol and Drug Use

The health department participates as a member of the Dunn County Partnership for Youth and Partners for Resilience and the Mental Health Resource Network-coalitions addressing prevention efforts and healthy families. Immunizations for Hepatitis and TB and/or HIV screenings are also available to high risk adults. Individuals involved in AODA use are at higher risk for these diseases.

We continue our partnership with the Aids Resource Center of Wisconsin (ARCW) to provide free condoms in Dunn County locations. **We have provided over 5253 (4900) free condoms to 2 (4) bars and 5 (5) agencies.** We serve as an extension of the ARCW needle exchange site for communicable disease risk reduction. This is one evidence based harm reduction strategy with strong support. It is part of a multifaceted response to the known use of heroin/opiates in the County.

Tobacco Use and Exposure

First Breath is a statewide program that helps pregnant women, new moms and their families quit smoking. Partners in programming include: Wisconsin DPH, American Cancer Society, American Lung Association, School Districts, Mayo-Menomonie, Marshfield Clinic and Arbor Place.

Students & Workforce Development

Dunn County Health Department continues to serve as a clinical site for the University of Wisconsin-Eau Claire School of Nursing. We provide a clinical practice area for senior nursing students in the baccalaureate program. The WIC program provides field experiences for Nutrition students and serves as a preceptor site for the Dietetic Intern program at UW-Stout.



This Annual Report is compiled and will be submitted to the WI Department of Health to satisfy the statutory requirement:

DHS 140.06 (2) (c) “a narrative which describes the progress and performance toward achieving the objectives identified as part of the community health assessment.”

Respectfully submitted:
KT Gallagher, MPA, REHS
2018 Director/Health Officer